



2015 OREGON SOFT WINTER ELITE YIELD TRIALS LAGRANDE (Irrigated)



Site Quality Index[†] = 2.5
1 = Poor 3 = Average 5 = Excellent

Site Description: Lower than average grain yield and test weight reduced the site quality index score.

5 Year Average Yield = 128.7 bu/ac

| Entry | Variety | Class | 2015 Yield Data [‡] | | 2-Year Yield Data | | 3-Year Yield Data | |
|-------|---------------------------|-------|------------------------------|------|-------------------|------|-------------------|------|
| | | | Yield bu/ac | Rank | Yield bu/ac | Rank | Yield bu/ac | Rank |
| 16 | LCS ARTDECO | SWW | 113.1 | 1 | 115.7 | 18 | 107.0 | 11 |
| 19 | LWW 12-7105 | SWW | 111.2 | 2 | 123.4 | 6 | | |
| 9 | BOBTAIL | SWW | 105.1 | 3 | 124.7 | 3 | 121.7 | 1 |
| 6 | KASEBERG | SWW | 104.9 | 4 | 122.7 | 7 | 107.5 | 10 |
| 13 | IDN 06-18102A | SWW | 104.7 | 5 | | | | |
| 41 | OR2090473 | SWW | 103.6 | 6 | 124.9 | 2 | 117.3 | 2 |
| 28 | SY 107 | SWW | 102.7 | 7 | | | | |
| 46 | LOR 978 | SWW | 101.6 | 8 | | | | |
| 8 | ROSALYN | SWW | 101.4 | 9 | 117.3 | 16 | 111.4 | 6 |
| 26 | WB 1604 | SWW | 101.4 | 10 | 120.8 | 13 | | |
| 20 | LWW 11-431 | SWW | 101.0 | 11 | | | | |
| 14 | IDN 06-033038 | SWW | 100.4 | 12 | | | | |
| 30 | SY 96-2 (Exp) | SWW | 100.2 | 13 | | | | |
| 24 | WB TRIFECTA | SWW | 100.2 | 14 | 121.1 | 10 | 113.6 | 5 |
| 48 | LOR 833 | SWW | 99.6 | 15 | | | | |
| 23 | YS 9568-A | SWW | 99.2 | 16 | | | | |
| 40 | OR2080641 | SWW | 99.0 | 17 | 122.7 | 8 | 114.1 | 4 |
| 29 | SY OVATION | SWW | 98.8 | 18 | 123.5 | 5 | 116.0 | 3 |
| 45 | OR2110526 | SWW | 98.3 | 19 | | | | |
| 50 | LOR 092 | SWW | 98.0 | 20 | | | | |
| 5 | MARY | SWW | 97.4 | 21 | 120.9 | 12 | 111.3 | 7 |
| 25 | WB 1529 | SWW | 97.2 | 22 | 121.1 | 9 | 109.9 | 8 |
| 27 | LEGION | SWW | 97.2 | 23 | 113.6 | 19 | 103.8 | 16 |
| 10 | IDN 02-29001A | SWW | 97.1 | 24 | 127.0 | 1 | | |
| 42 | OR2100940 | SWW | 96.3 | 25 | 104.6 | 29 | | |
| 49 | LOR 334 | SWW | 96.0 | 26 | | | | |
| 17 | LCS BIANCOR | SWW | 95.6 | 27 | 120.4 | 14 | | |
| 36 | ORCF-101 | SWW | 95.1 | 28 | 110.5 | 24 | 101.4 | 20 |
| 44 | OR2101043 | SWW | 94.6 | 29 | | | | |
| 1 | STEPHENS* | SWW | 94.2 | 30 | 117.3 | 17 | 105.9 | 14 |
| 2 | TUBBS 06* | SWW | 94.2 | 31 | 111.4 | 23 | 103.0 | 17 |
| 37 | ORCF-102 | SWW | 94.1 | 32 | 112.3 | 22 | 105.2 | 15 |
| 3 | GOETZE | SWW | 93.3 | 33 | 109.7 | 26 | 102.2 | 19 |
| 15 | IDO 1108 | SWW | 93.2 | 34 | 121.0 | 11 | 109.0 | 9 |
| 12 | UI/WSU HUFFMAN | SWW | 93.2 | 35 | 118.4 | 15 | 107.0 | 12 |
| 33 | JASPER (WA 8169) | SWW | 93.0 | 36 | | | | |
| 11 | IDN 01-10704A | SWW | 92.7 | 37 | 124.5 | 4 | | |
| 7 | LADD | SWW | 92.6 | 38 | 110.1 | 25 | 103.0 | 18 |
| 32 | PUMA | SWW | 90.5 | 39 | | | | |
| 35 | DAS 004 | SWW | 90.3 | 40 | | | | |
| 47 | LOR 913 | SWW | 89.4 | 41 | | | | |
| 22 | YS 261 | SWW | 88.4 | 42 | 113.4 | 20 | | |
| 21 | YS 221 | SWW | 88.4 | 43 | 108.7 | 27 | 99.8 | 21 |
| 4 | SKILES | SWW | 87.3 | 44 | 113.0 | 21 | 106.6 | 13 |
| 39 | WB 1376 CLP (EXP 1030CL+) | SWW | 86.7 | 45 | | | | |
| 43 | OR2080637 | SWW | 84.8 | 46 | | | | |
| 34 | DAS 003 | SWW | 84.2 | 47 | | | | |
| 18 | LWW 10-1073 | SWW | 76.7 | 48 | 108.5 | 28 | | |
| 31 | SY 71-4 (Exp) | SWW | 76.3 | 49 | | | | |
| 38 | WB EXP 1028CL+ | SWW | 74.8 | 50 | | | | |
| | Site Average | | 95.3 | | 117.4 | | 108.4 | |
| | LSD (0.05) | | 9.8 | | 7.9 | | 5.7 | |
| | CV (%) | | 7.3 | | 6.5 | | 6.3 | |

[†] The Site Quality Index is based on the relative performance of check varieties to historical means and the degree of variability found within the trial.

Site Quality Index Descriptions:

- 1 = Poor; Site highly impacted by unusual environmental conditions making data unpublishable
- 2 = Below Average; Site was impacted by unusual environmental conditions. Variability was high.
- 3 = Average; Site was average with normal/acceptable environmental conditions. Variability was medium.
- 4 = Good; Site was representative of surrounding area with minimal environmental impact. Variability was low to medium.
- 5 = Excellent; Site was highly representative of surrounding area with no environmental impacts. Variability was very low.

[‡] Yield data corrected to 12% moisture; Grain yields shaded in gray are not significantly different from the highest yield at this site.

* Indicates check variety.



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Site Description: Lower than average grain yield and test weight reduced the site quality index score.

5 Year Average Test Weight = 58.6 lbs/bu 5 Year Average Grain Protein = 12.6%

| Entry | Variety | Class | Test Weight lbs/bu | Plant Height inches | Heading Date DOY | Protein % |
|-------|---------------------------|-------|-----------------------|------------------------|---------------------|--------------|
| 16 | LCS ARTDECO | SWW | 56.0 | 31.8 | 147.0 | 9.6 |
| 19 | LWW 12-7105 | SWW | 56.4 | 30.8 | 148.0 | 9.8 |
| 9 | BOBTAIL | SWW | 53.5 | 32.0 | 156.8 | 9.4 |
| 6 | KASEBERG | SWW | 55.0 | 34.3 | 152.8 | 10.2 |
| 13 | IDN 06-18102A | SWW | 57.4 | 35.5 | 155.3 | 10.2 |
| 41 | OR2090473 | SWW | 56.5 | 30.8 | 155.3 | 9.5 |
| 28 | SY 107 | SWW | 57.0 | 35.3 | 157.5 | 9.8 |
| 46 | LOR 978 | SWW | 57.7 | 33.3 | 152.0 | 9.6 |
| 8 | ROSALYN | SWW | 54.8 | 34.3 | 156.0 | 9.9 |
| 26 | WB 1604 | SWW | 58.7 | 32.0 | 152.8 | 10.6 |
| 20 | LWW 11-431 | SWW | 57.5 | 39.8 | 157.3 | 10.4 |
| 14 | IDN 06-033038 | SWW | 56.7 | 35.0 | 156.5 | 9.7 |
| 30 | SY 96-2 (Exp) | SWW | 58.2 | 29.0 | 149.5 | 9.3 |
| 24 | WB TRIFECTA | SWW | 57.3 | 35.3 | 155.0 | 9.3 |
| 48 | LOR 833 | SWW | 57.5 | 30.8 | 149.5 | 9.4 |
| 23 | YS 9568-A | SWW | 57.3 | 36.3 | 156.0 | 9.3 |
| 40 | OR2080641 | SWW | 56.9 | 34.3 | 156.3 | 9.4 |
| 29 | SY OVATION | SWW | 59.3 | 36.5 | 157.3 | 9.3 |
| 45 | OR2110526 | SWW | 57.1 | 30.5 | 147.0 | 9.9 |
| 50 | LOR 092 | SWW | 57.2 | 38.8 | 156.8 | 9.7 |
| 5 | MARY | SWW | 56.7 | 31.8 | 154.8 | 9.9 |
| 25 | WB 1529 | SWW | 59.7 | 33.0 | 155.3 | 9.2 |
| 27 | LEGION | SWW | 56.3 | 38.0 | 157.0 | 9.6 |
| 10 | IDN 02-29001A | SWW | 58.5 | 34.5 | 155.5 | 10.6 |
| 42 | OR2100940 | SWW | 56.1 | 32.0 | 156.0 | 9.3 |
| 49 | LOR 334 | SWW | 57.5 | 30.8 | 148.0 | 10.3 |
| 17 | LCS BIANCOR | SWW | 56.0 | 29.8 | 154.3 | 9.0 |
| 36 | ORCF-101 | SWW | 58.1 | 35.5 | 158.5 | 9.4 |
| 44 | OR2101043 | SWW | 56.9 | 34.3 | 157.8 | 8.9 |
| 1 | STEPHENS* | SWW | 57.1 | 31.8 | 154.8 | 10.0 |
| 2 | TUBBS 06* | SWW | 56.9 | 38.0 | 155.3 | 10.0 |
| 37 | ORCF-102 | SWW | 57.9 | 36.8 | 158.0 | 9.6 |
| 3 | GOETZE | SWW | 56.6 | 33.8 | 149.3 | 9.0 |
| 15 | IDO 1108 | SWW | 55.5 | 39.5 | 160.0 | 9.8 |
| 12 | UI/WSU HUFFMAN | SWW | 56.3 | 35.5 | 157.5 | 9.8 |
| 33 | JASPER (WA 8169) | SWW | 56.5 | 35.5 | 158.5 | 10.2 |
| 11 | IDN 01-10704A | SWW | 55.7 | 39.8 | 157.3 | 9.8 |
| 7 | LADD | SWW | 56.6 | 33.8 | 158.8 | 9.4 |
| 32 | PUMA | SWW | 56.2 | 38.5 | 156.5 | 9.5 |
| 35 | DAS 004 | SWW | 56.0 | 35.8 | 160.3 | 9.9 |
| 47 | LOR 913 | SWW | 57.3 | 33.8 | 155.5 | 9.7 |
| 22 | YS 261 | SWW | 54.9 | 35.3 | 157.5 | 9.2 |
| 21 | YS 221 | SWW | 55.3 | 37.3 | 160.3 | 9.4 |
| 4 | SKILES | SWW | 56.4 | 32.3 | 155.0 | 9.1 |
| 39 | WB 1376 CLP (EXP 1030CL+) | SWW | 60.8 | 36.8 | 154.8 | 9.8 |
| 43 | OR2080637 | SWW | 56.6 | 34.8 | 159.3 | 10.3 |
| 34 | DAS 003 | SWW | 56.3 | 37.8 | 158.5 | 9.8 |
| 18 | LWW 10-1073 | SWW | 54.9 | 37.0 | 159.3 | 9.8 |
| 31 | SY 71-4 (Exp) | SWW | 54.2 | 32.8 | 156.8 | 10.1 |
| 38 | WB EXP 1028CL+ | SWW | 57.7 | 30.8 | 157.5 | 9.8 |
| | Site Average | | 56.8 | 34.4 | 155.4 | 9.7 |
| | LSD (0.05) | | 1.2 | 2.9 | 1.6 | NS |
| | CV (%) | | 1.5 | 6.0 | 0.7 | 8.5 |

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